Ming Chi

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Objective

Information-technology oriented positions.

Education

- **University of Pittsburgh**

  2014.9 – 2016.5

  Master of Science in Information Science

- **China University of Geosciences**

  2010.9 – 2014.6

  Bachelor of Engineering (GIS Major)

Project Experience

- **"StandingOut" – Social Resume System**

  Main contributor. Builds front-end web pages including live resume editing interfaces and back-end servlets which would accept user uploaded pdf files, convert it into a JPG file in bytes form and then store it into database for later display in the resume gallery.

- **Distributed Database Query Server using Facebook PrestoDB**

  Main contributor. Java restful server processing queries and generate results as back-end. Web page using bootstrap and knockout as front-end.

- **Mobile Game-like App for Java Learning**

  UI designer & backend data extractor. Extracted backend server data (a huge complex JSON) and leave only the required information.

- **Online Marketing Program**

  Database designer. Sample data generator. Using C++ & R to generate millions of records and pushed the records to database.

- **Digital Watermarking for Geo-Spatial Vector Data**

  Bachelor Thesis Design. A plugin to the GIS platform with inserting watermark, verification, and testing watermark robustness based on a GIS platform "MapGIS 10", with a C# UI lib and a C++ algorithm lib.

- **Prototype GIS System**

  Main designer and contributor (UI, map layer control and zoom functions). An application programmed to have GIS mapping function, with vector editing and layer management, using MFC & SQLServer, no open-source libraries applied.

Skills

- C++, Java, C#
- Html/CSS/Javascript/Servlets
- MySQL, SQLServer
- Android App Developing

- ArcGIS
- R & spatial-R
- Function wrapping
- UI designing

For more information about projects, demos, self-developed apps:

Please visit: http://ndsorrowchi.github.io/html/past-projects.html or scan the QR code on the right.